

# COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 50 (12/06/2020- 12/12/2020)

COCONINO COUNTY  
*December 18, 2020*



# Situation Summary

MMWR Week 50 (12/06/2020-12/12/2020)

**A total of 9,266 confirmed COVID-19 cases have been reported among Coconino County residents through week 50.**

**Deaths: 182** (2% of cases)

**Probable Deaths: 5**

**Recovered Cases: 6,335**

(68% of cases)

**Hospitalizations: 751**

(8% of cases)

## Cases Reported Week 50 (December 6 - December 12, 2020):

**868**  
Confirmed  
Cases

**3,646**  
Negative  
Cases

**605.0**  
Rate per  
100,000

**15.2%\***  
Positivity  
Yield

## Community Transmission

- Coconino County has a current **incidence rate of 605.0 per 100,000**, **percent positivity of 15.2%\***, and **COVID-19-Like-Illness incidence (CLI) of 18.7%\*\***.
- Coconino County is currently at a **substantial \*\*\*** level of community transmission.

Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	>10%
COVID-19-Like-Illness	<5%	5-10%	>10%

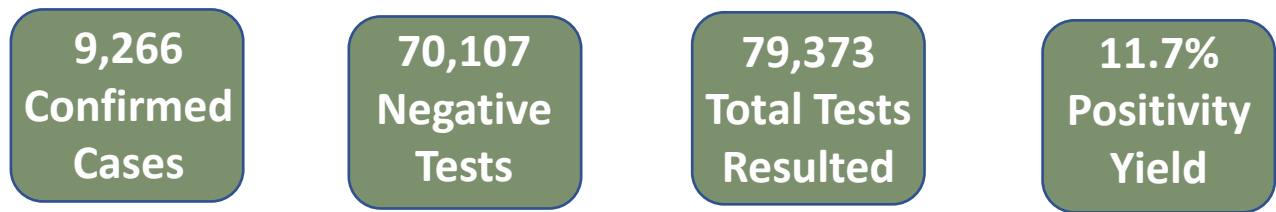
The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

**\*Percent positivity was calculated using only ELR data due to insufficient reporting.**

**\*\*Incidence rate and percent positivity data are from week 50 (CLI data from week 49 due to reporting lag). CLI is reported using hospital surveillance from the ADHS dashboard at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations.**

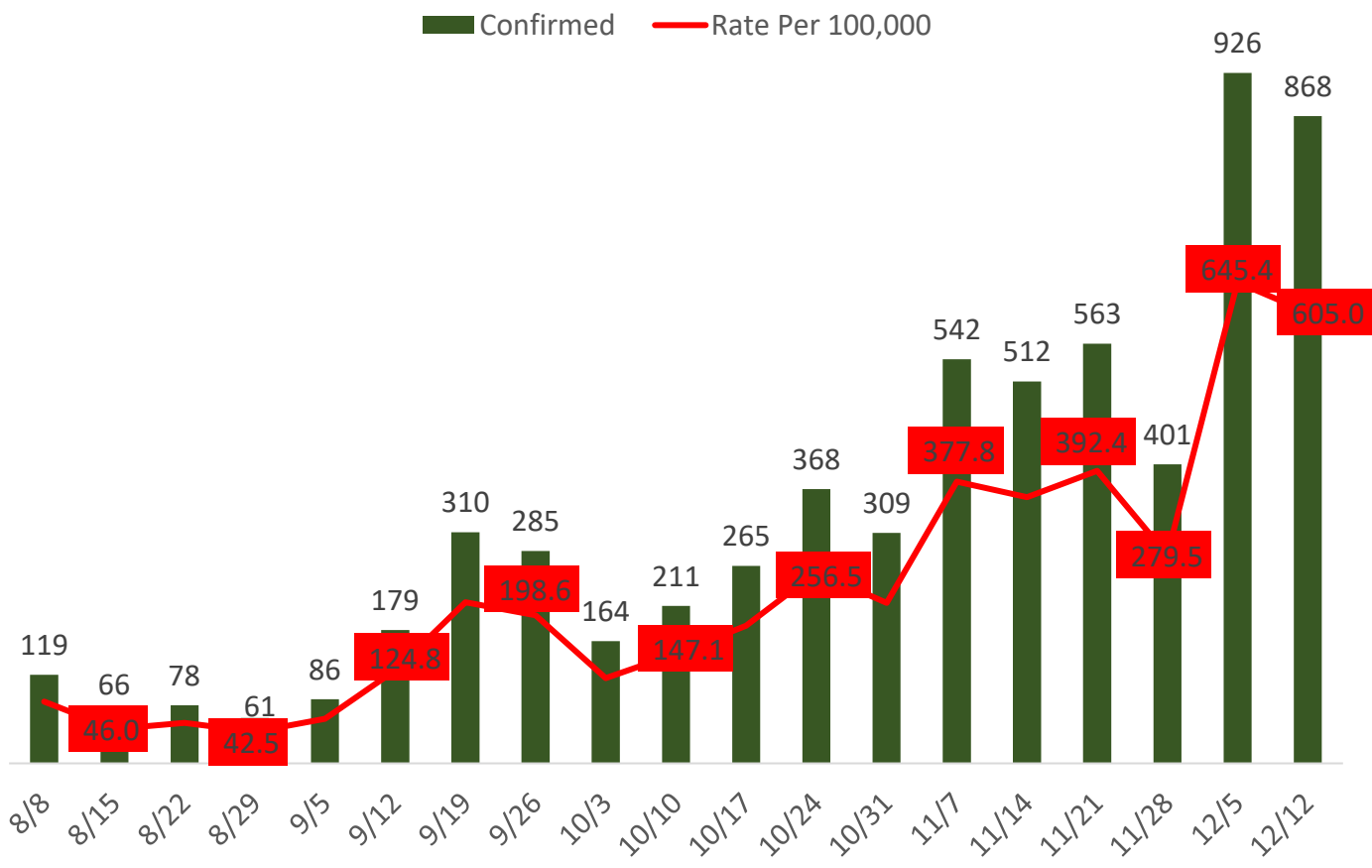
**\*\*\* ADHS defines community spread level thresholds to be met for two-consecutive weeks before moving to a different risk-category. Week 49 met the benchmarks for Substantial level of community spread.**

## Cumulative Counts (March 15, 2020- December 12, 2020):



**6,458.2 cases per 100,000 Coconino County Residents**  
**vs.**  
**5,970.5 cases per 100,000 Arizona Residents**

## Weekly Case Counts Among Coconino County Residents:



\*Cases reported from 3/15/20-12/12/20

## Age:

Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	1,795	13,181	10.6%	32,598.8	4,439.3
20-44 years	4,683	38,285	9.3%	71,374.0	8,730.4
45-54 years	1,082	9,485	9.4%	66,584.8	7,595.6
55-64 years	935	9,347	8.1%	56,405.8	5,642.4
65+ years	771	9,066	6.8%	48,778.7	4,148.3

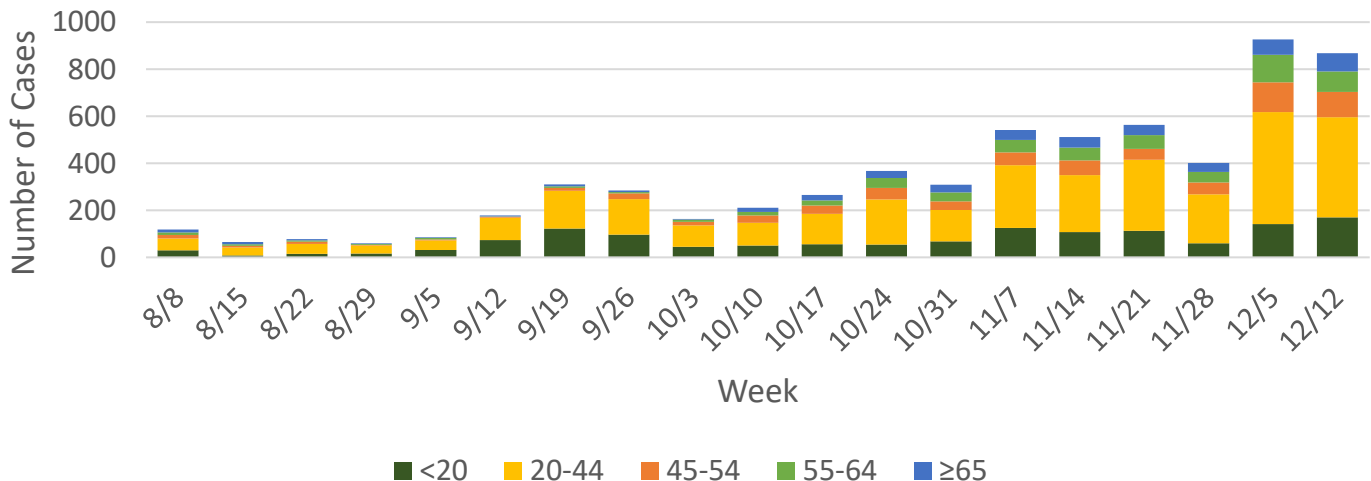
**The median age of Coconino County COVID-19 cases is 30 years old**



### Key Take Away

- The highest **case incidence** for week 50 was observed among residents aged 20-44 and 45-54 with an incidence of 794.2 and 751.1 per 100,000, respectively.
- The highest **positivity yield** for week 50 was observed among residents aged <20, with a positivity yield of 19.7%.
- The highest overall **testing incidence** was observed among residents aged 20-44 years (nearly 46% higher than that of 65+ years).

## Age of Confirmed Cases by Week



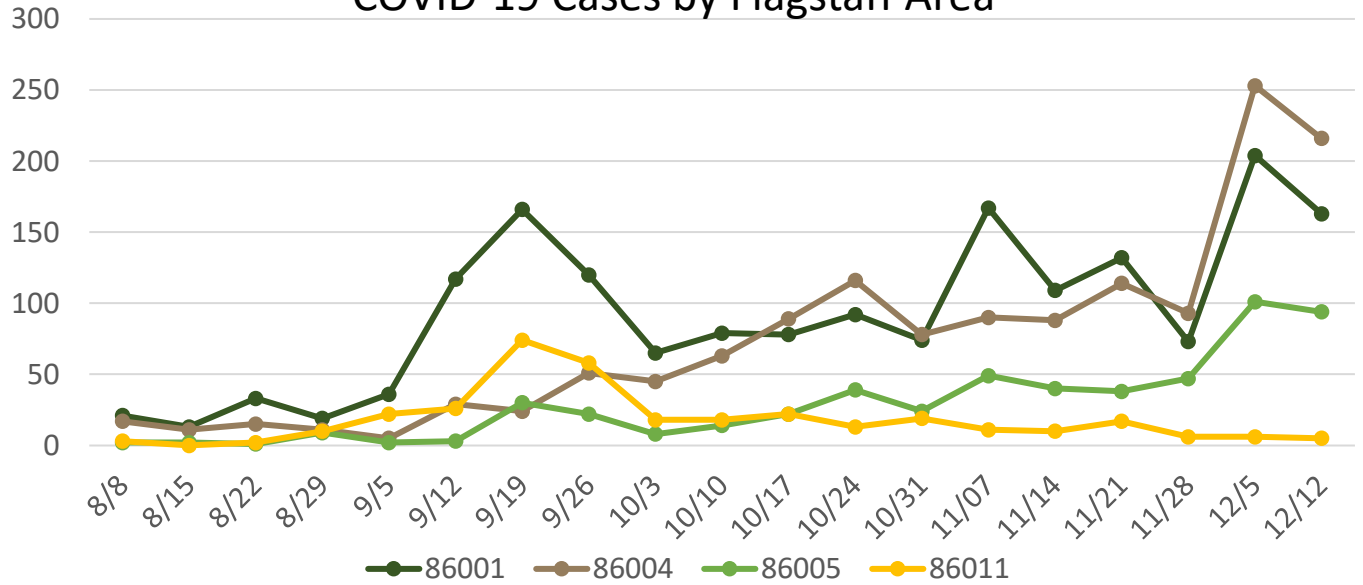
## Location:

Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	5,404	57,530	7.5%	61,825.0	5,807.4
Page	727	4,424	15.9%	58,619.3	9,633.0
Tribal Communities	2,572	11,707	14.0%	45,918.8	10,088.3
Williams	212	2,112	8.2%	40,106.3	4,025.8
Grand Canyon	86	880	8.7%	35,412.5	3,460.8
Other Areas	265	2,141	7.5%	22,232.6	2,751.8

### Key Take Away

- The highest **decrease of cases** in the Flagstaff area from the previous week was observed in 86001 and 86004 with a 25% and 17% decrease, respectively.
- The highest **increase of cases** in Other Areas from the previous week was observed in Tribal Communities with a 21% increase.
- The highest overall **testing incidence** rate was observed in Flagstaff.

COVID-19 Cases by Flagstaff Area

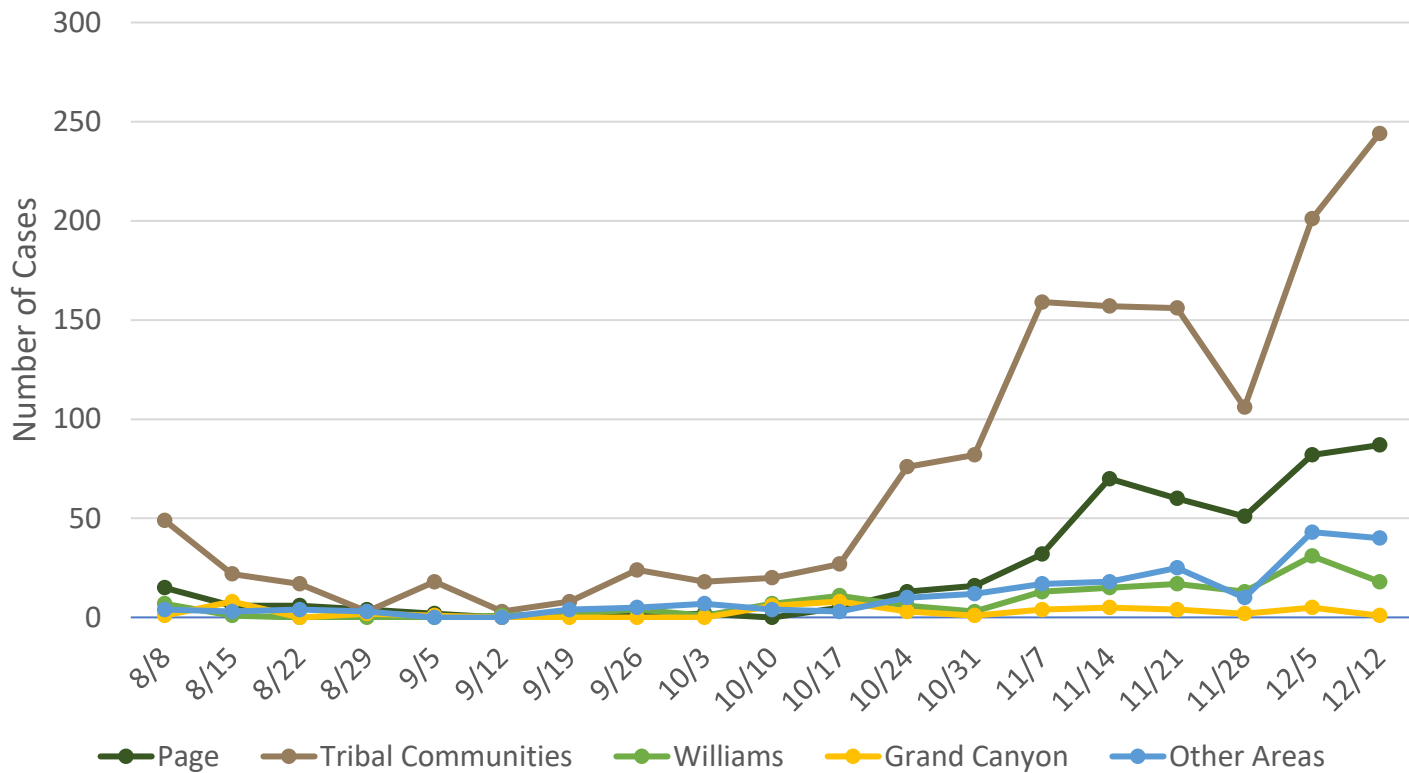


\*Cases reported from 3/15/20-12/12/20

# COVID-19 Situation Summary\*

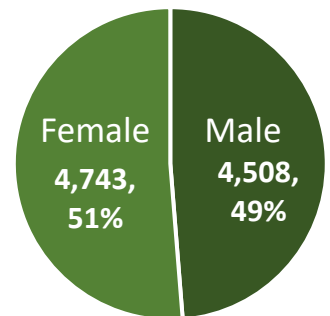
## Location:

### COVID-19 Cases by Other Geographic Area



## Sex:

Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Female	4,743	42,873	8.4%	6,547.5
Male	4,508	36,194	9.1%	6,346.1

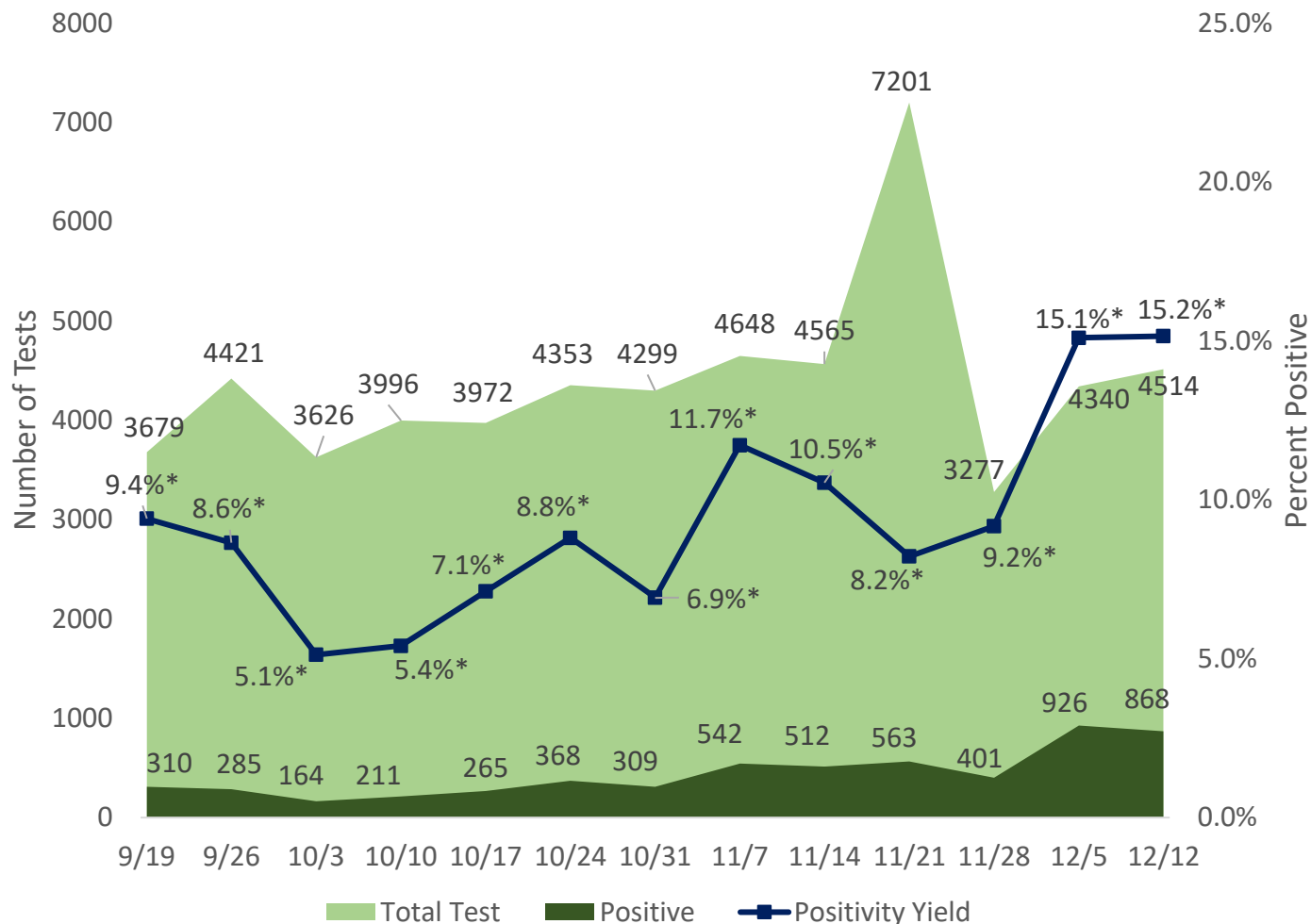


### Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 18% more tests than male residents.
- Male residents have slightly higher testing positivity yields.

# COVID-19 Situation Summary\*

## COVID-19 TESTING BY WEEK:



\*Percent positivity was calculated using only ELR data due to insufficient reporting.

**Specimen Collection:** Coconino County response team sites have collected a total of **81,375** specimens.

Fort Tuthill: 43,451	CCHHS: 1,308	CCC: 212	NAU: 34,078
Fredonia: 41	Grand Canyon: 291	Williams: 672	Other: 1,322

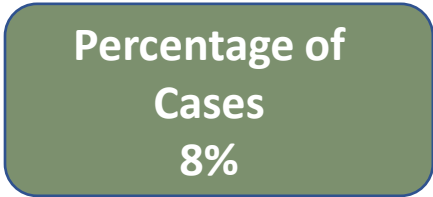
**Investigations:** The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 4,319**

**Monitoring:** The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

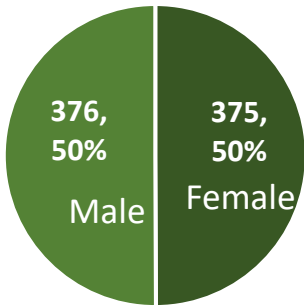
- **Currently being monitored: 73 (As of 12/12/2020)**
- **Total individuals monitored to date: 3,718**

## Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

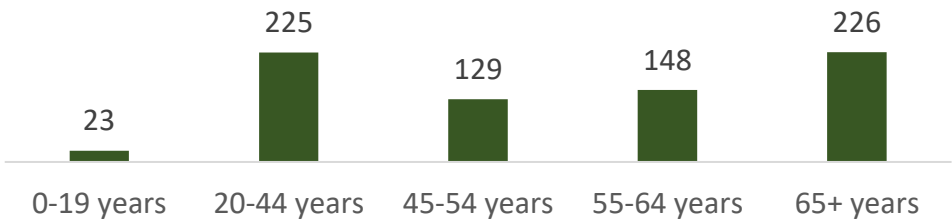


### Sex

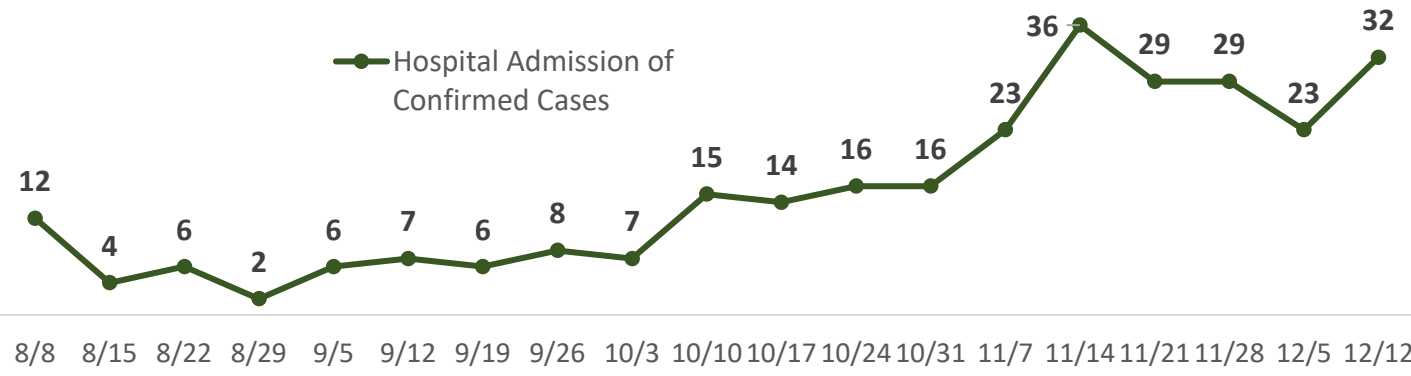


19% of hospitalized residents were in the ICU and 8% were intubated.

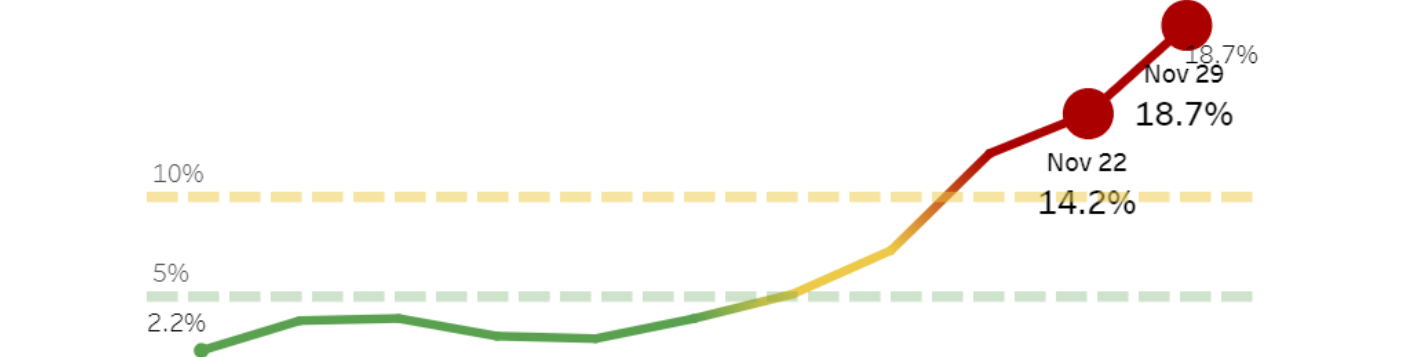
### Hospitalized Coconino COVID-19 Patients by Age



### Weekly Case Counts Among Coconino County Residents:



### Hospital Visits for COVID-Like Illnesses Among Coconino County Residents:





# COVID-19 Situation Summary\*

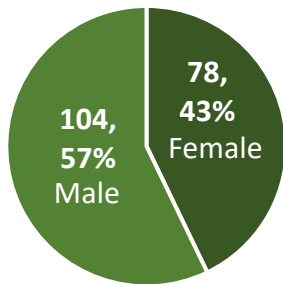
## COVID-19 Related Deaths:

Percentage of  
Cases  
2%

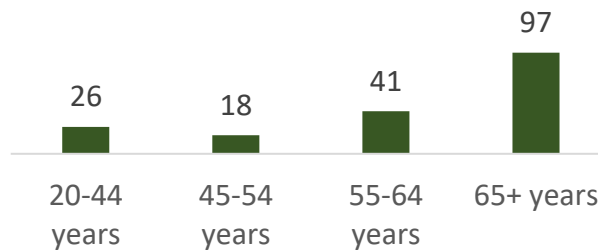
Deaths  
182

Fatalities  
Per 100,000  
126.9

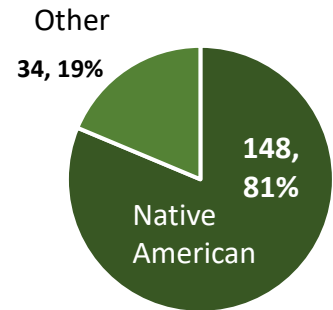
### Sex



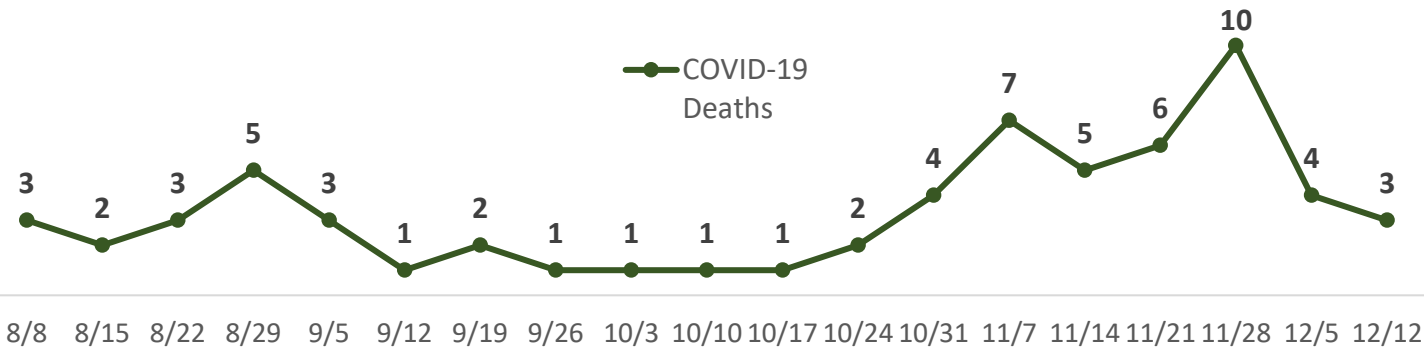
### Coconino COVID-19 Deaths by Age



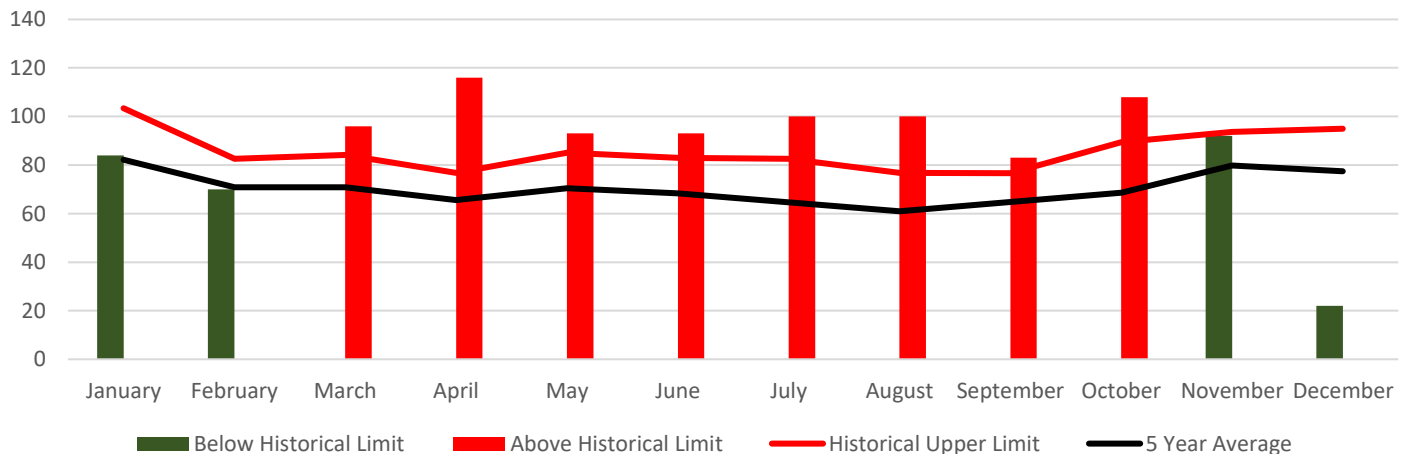
### Race



## Weekly COVID-19 Deaths Among Coconino County Residents:



### 2020 All Deaths Aberration



\*Cases reported from 3/15/20-12/12/20